

ABSTRACT OF THE DISCLOSURE

5 A director plate for a fuel injector for use in an internal combustion engine. A plurality of fuel passages extend through the plate between an inlet surface and an exit surface. The passage and exit surfaces are extremely smooth, having an average surface roughness (R_a) less than about $0.2\mu\text{m}$, and preferably less than about $0.1\mu\text{m}$. The corners of the exits are sharp and are free of features such as break-edges, burrs, and remelt. The surface quality may be obtained via any means of surface finishing.